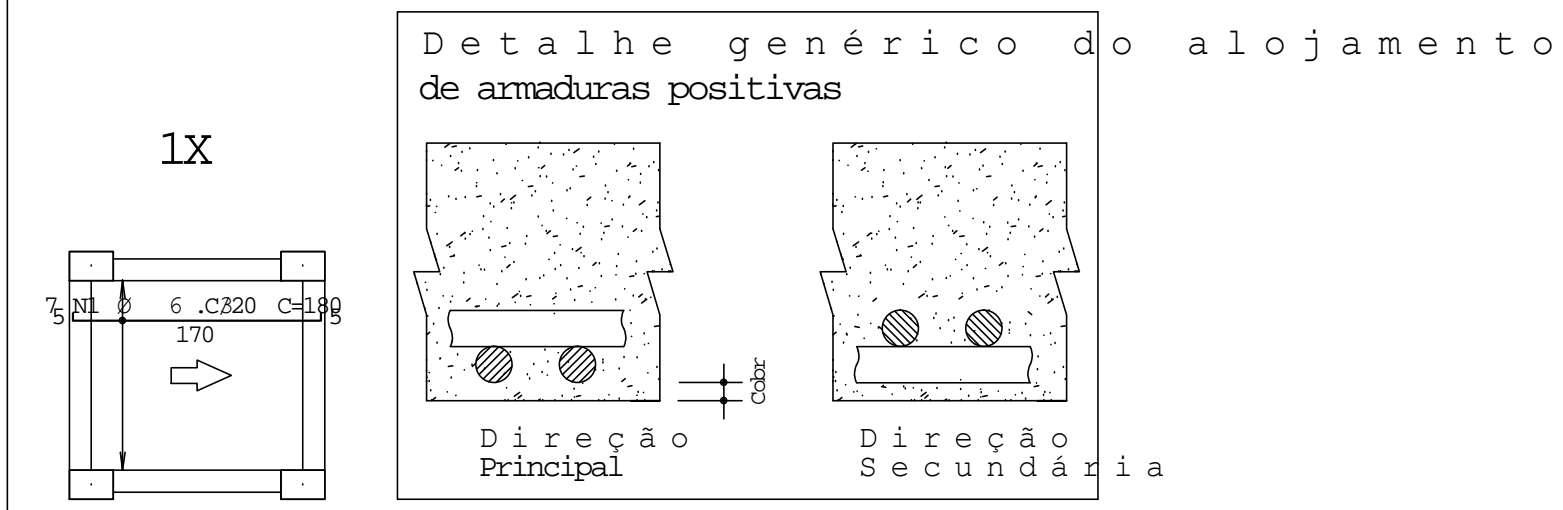
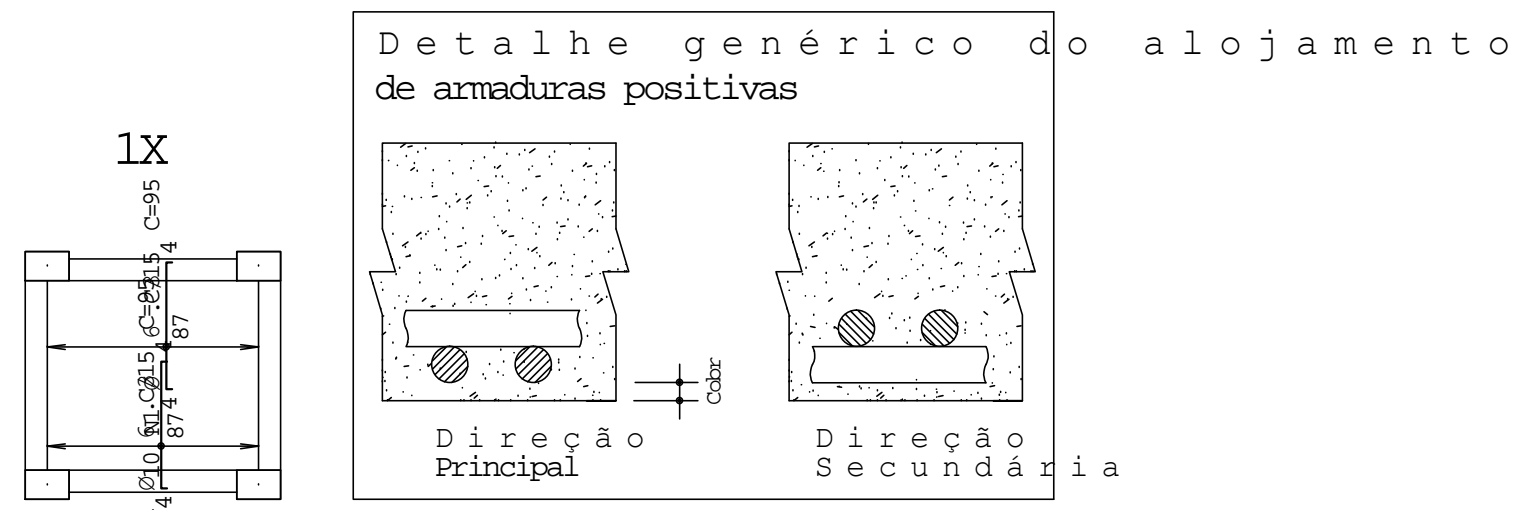


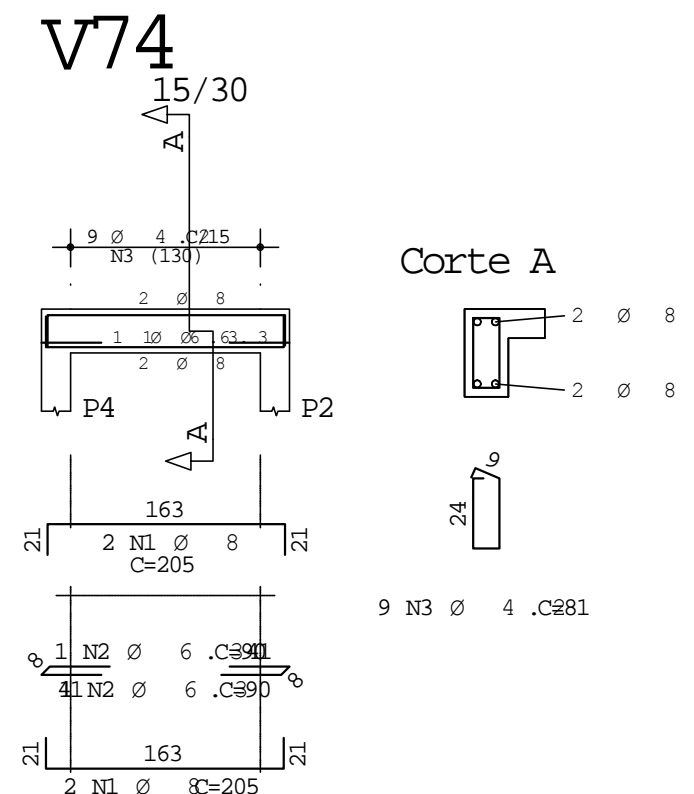
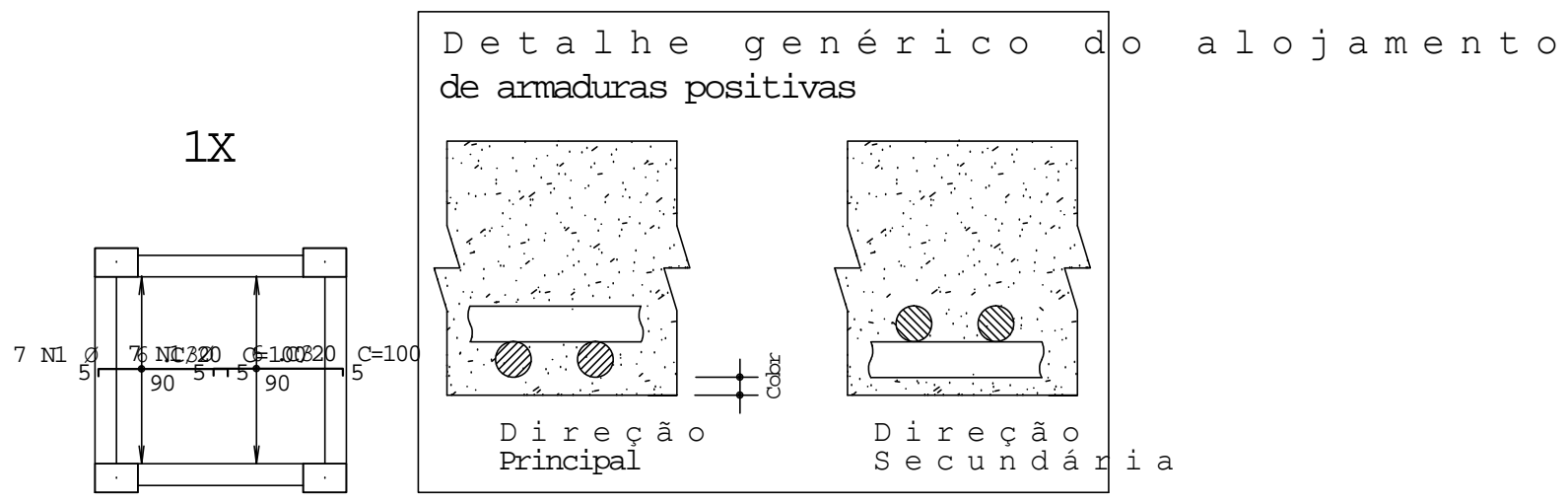
LAJE - Armadura positiva horizontal



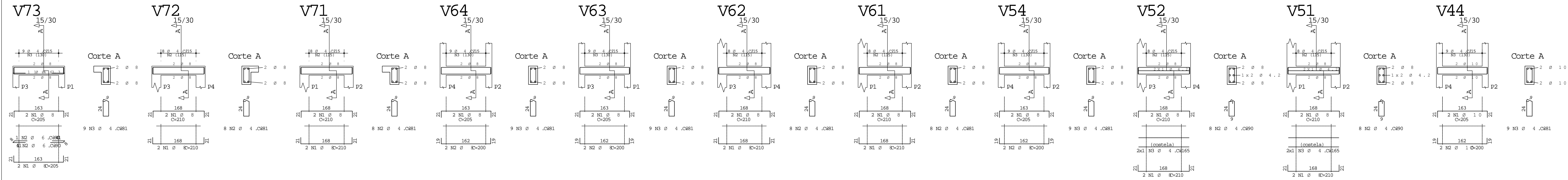
LAJE - Armadura negativa vertical



LAJE - Armadura negativa horizontal

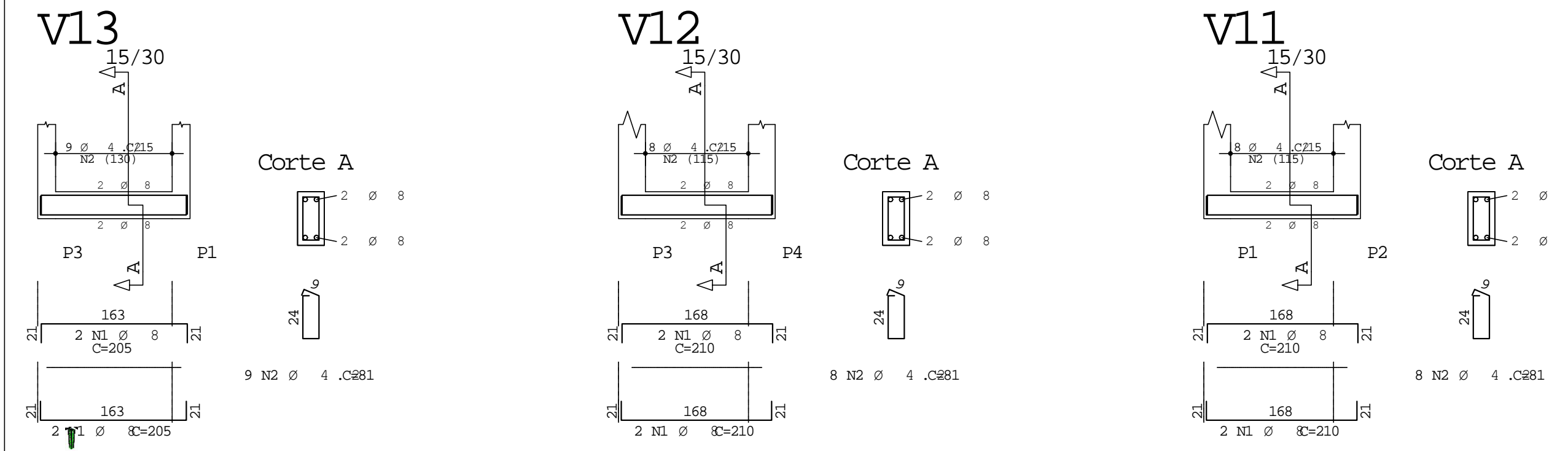
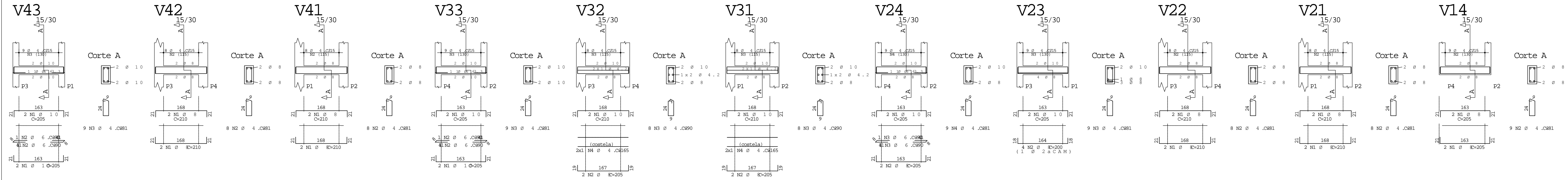


ARMAÇÃO: LAJE



A	C	Ø	POS	BIT (mm)	QUANT	COMPRIMENTO (mm)	TOTAL (mm)
LAJE - Armadura negativa horizontal							
50A	2	8	3	1	100	100	100
60B	2	5	1	1140	1140	1140	1140
LAJE - Armadura negativa vertical							
50A	1	6.3	1	20	95	190	190
LAJE - Armadura positiva horizontal							
50A	1	6.3	1	180	180	180	180
LAJE - Armadura positiva vertical							
50A	1	6.3	1	163	163	163	163
LAJE - Armadura de cisalhamento							
50A	1	8	4	210	840	840	840
60B	2	4.2	8	81	648	648	648
V11							
50A	1	8	4	210	840	840	840
60B	2	4.2	8	81	648	648	648
V12							
50A	1	8	4	210	840	840	840
60B	2	4.2	8	81	648	648	648
V13							
50A	1	8	4	205	820	820	820
60B	2	4.2	8	81	648	648	648
V14							
50A	1	8	4	205	820	820	820
60B	2	4.2	8	81	648	648	648
V21							
50A	1	8	4	210	840	840	840
60B	2	4.2	8	81	648	648	648
V22							
50A	1	8	4	210	840	840	840
60B	2	4.2	8	81	648	648	648
V23							
50A	1	10	2	205	410	410	410
50A	2	8	4	200	800	800	800
60B	3	4.2	9	81	729	729	729
V24							
50A	1	10	2	205	410	410	410
50A	2	8	4	200	800	800	800
60B	4	4.2	9	81	729	729	729
V31							
50A	1	10	2	210	420	420	420
50A	2	8	4	200	800	800	800
60B	3	4.2	9	81	729	729	729
V32							
50A	1	10	2	205	410	410	410
50A	2	8	4	200	800	800	800
60B	3	4.2	9	81	729	729	729
V33							
50A	1	10	2	205	410	410	410
50A	2	8	4	200	800	800	800
60B	3	4.2	9	81	729	729	729
V41							
50A	1	8	4	210	840	840	840
60B	2	4.2	8	81	648	648	648
V42							
50A	1	8	4	210	840	840	840
60B	2	4.2	8	81	648	648	648
V43							
50A	1	10	2	205	410	410	410
50A	2	8	4	200	800	800	800
60B	3	4.2	9	81	729	729	729
V44							
50A	1	10	2	205	410	410	410
50A	2	8	4	200	800	800	800
60B	3	4.2	9	81	729	729	729
V51							
50A	1	8	4	210	840	840	840
60B	2	4.2	8	81	648	648	648
V52							
50A	1	8	4	210	840	840	840
60B	2	4.2	8	81	648	648	648
V54							
50A	1	8	4	210	840	840	840
60B	2	4.2	8	81	648	648	648
V61							
50A	1	8	4	210	840	840	840
60B	2	4.2	8	81	648	648	648
V62							
50A	1	8	4	210	840	840	840
60B	2	4.2	8	81	648	648	648
V63							
50A	1	8	4	210	840	840	840
60B	2	4.2	8	81	648	648	648
V64							
50A	1	8	4	210	840	840	840
60B	2	4.2	8	81	648	648	648
V71							
50A	1	8	4	205	410	410	410
50A	2	8	4	200	800	800	800
60B	3	4.2	9	81	729	729	729
V72							
50A	1	8	4	210	840	840	840
60B	2	4.2	8	81	648	648	648
V73							
50A	1	8	4	205	410	410	410
50A	2	8	4	200	800	800	800
60B	3	4.2	9	81	729	729	729
V74							
50A	1	8	4	205	410	410	410
50A	2	8	4	200	800	800	800
60B	3	4.2	9	81	729	729	729

RESUMO AÇO CA 50 - 16					
A	C	Ø	BIT (mm)	QUANT	PESO (kg)
60B	2	4.2	194	21	21
50A	5	6.3	11	17	17
50A	8	8	178	70	70
60B	10	10	41	26	26
PESO Total				60B =	23 kg
PESO Total				50A =	113 kg



ARMAÇÃO: VIGAS

CONCRETO fck = 25 MPa				ORCA N.º	
CLIENTE UENP - REITORIA				DES. N.º	
OBRA ELEVADOR				TÍTUL. PROJ.	
TÍTULO ARMAÇÃO: LAJE ARMAÇÃO: VIGAS				01/02	
DATA 29/10/2019				ESCALA 1/100	REVISÃO
AUTOR				COORD.	ENC.º